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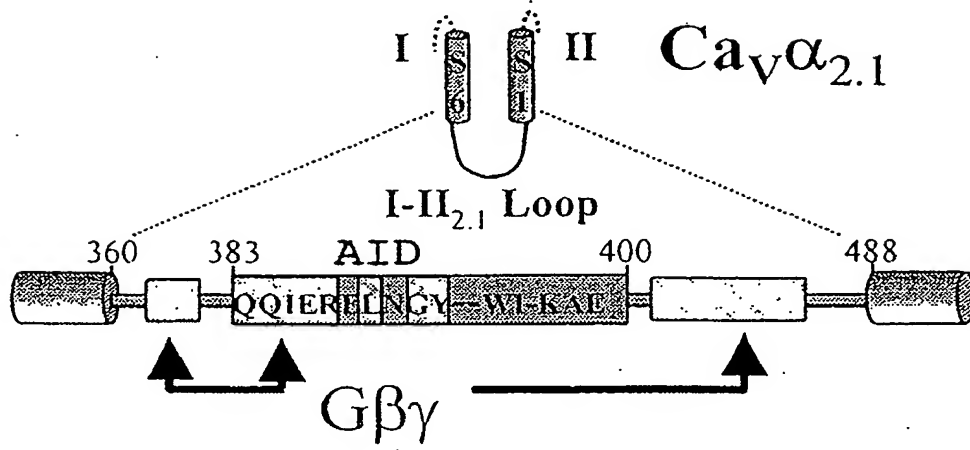


Figure 1

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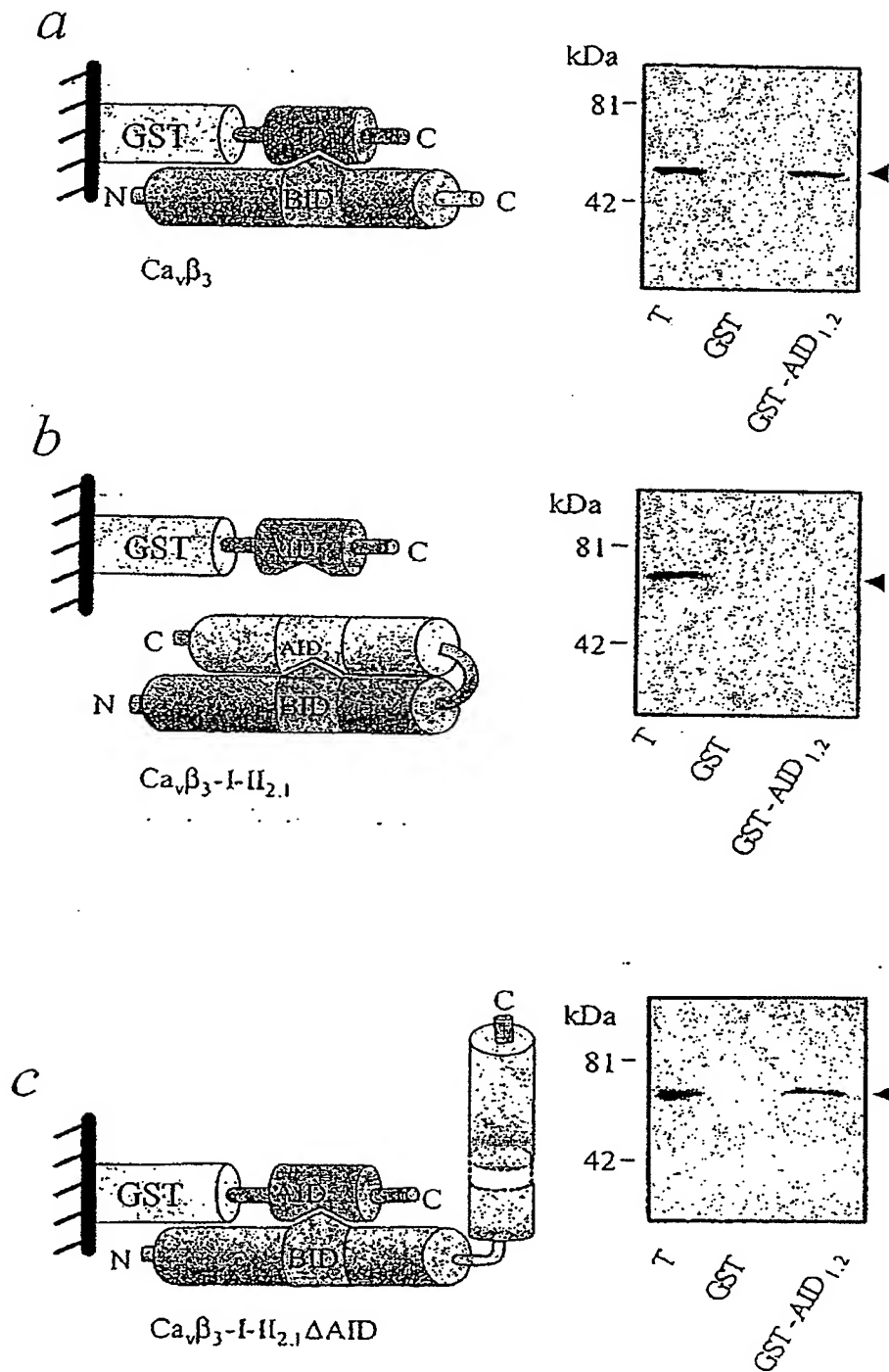
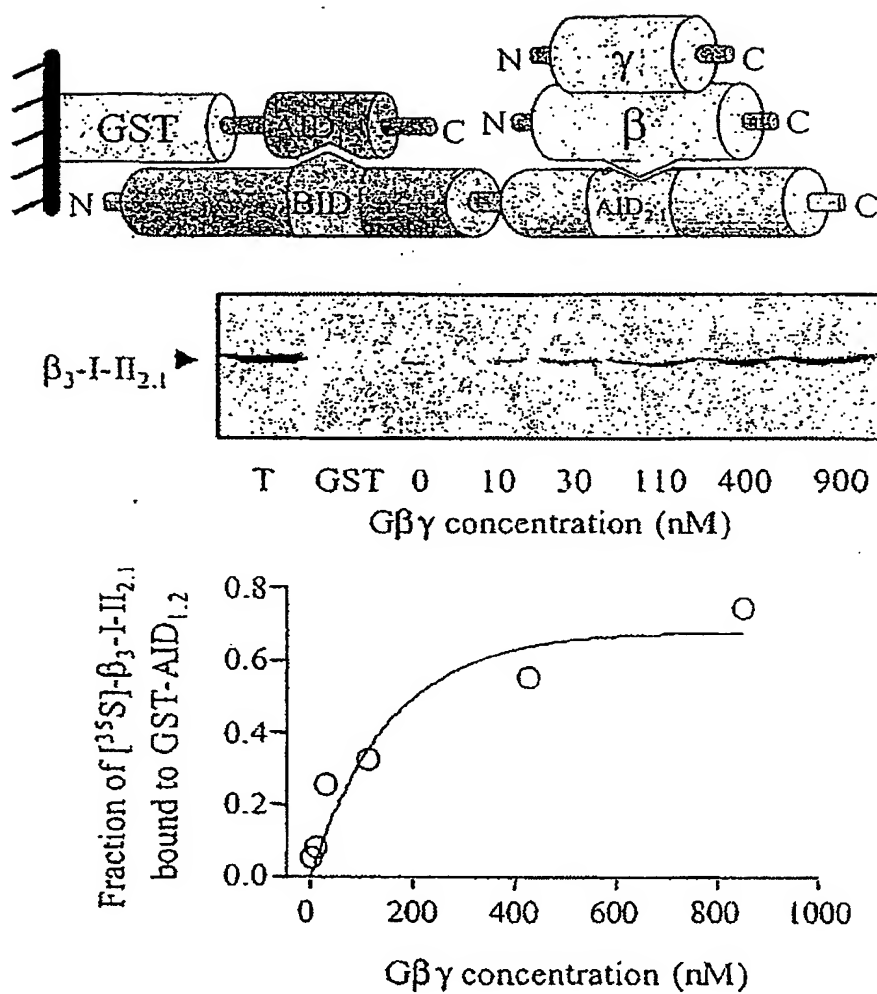


Figure 2



### Figure 3

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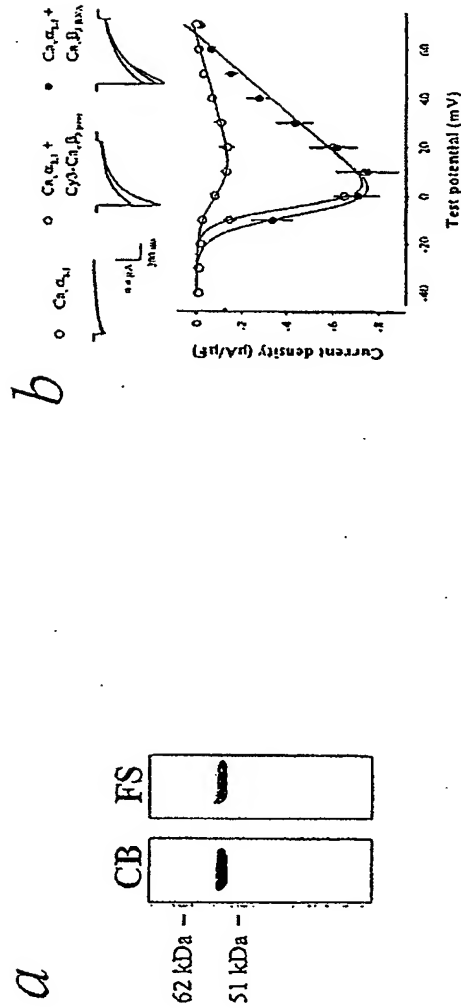


Figure 4

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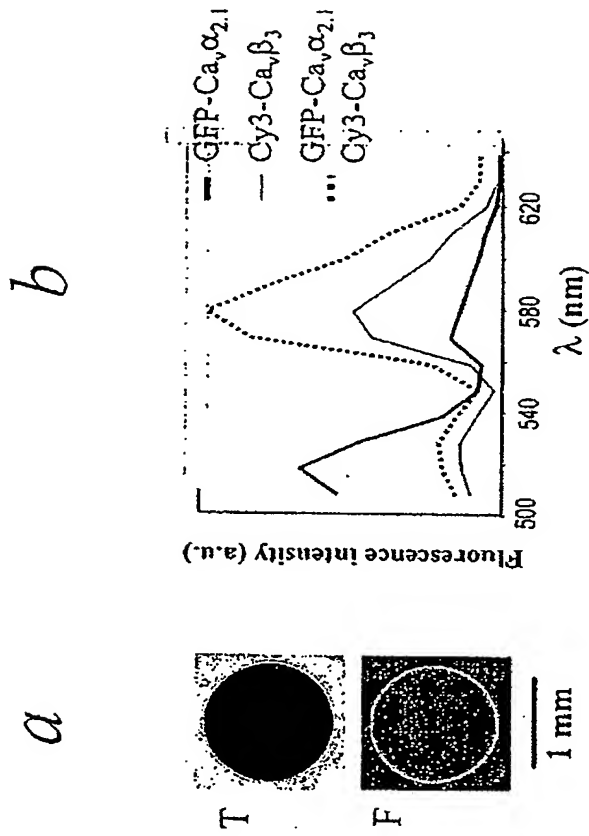


Figure 5

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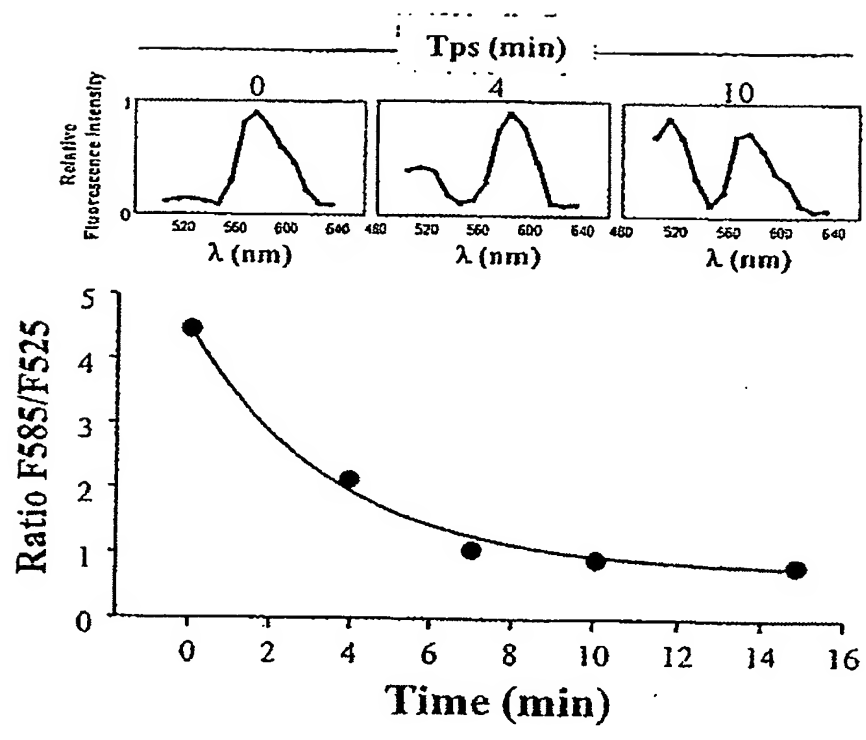


Figure 6

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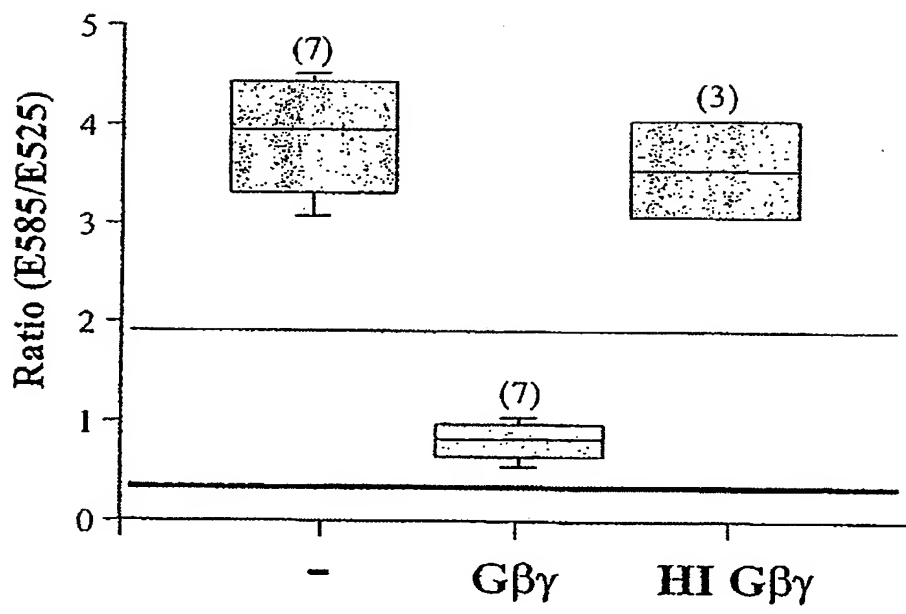


Figure 7

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pcDNA3-Cav $\beta$ 3-I-II2.1 (SEQ ID NO: 5)

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151 CAGCTGGAAA GAGCCAAGCA CAAACCTGTG GCATTTCCTG TGAGGACCAA
201 TGTCAGCTAC TGTGGAGTTC TGGATGAGGA ATGCCAGTCT CAGGGCTCTG
251 GAGTCAACTT CGAGGCCAAA GATTTTCTGC ACATTAAAGA GAAGTACAGC
301 AATGACTGGT GGATCGGGAG GCTAGTGAAA GAAGGTGGCG ATATTGCCTT
351 CATCCCCAGC CCCCACGCC TGGAGAGCAT CCGGCTCAAA CAGGAACAGA
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Figure 8a



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Figure 8b

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2551 GAGGACGGCA ACATCCTGGG GCACAAGCTG GAGTACAAC ATATCAGCCA  
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Figure 9a

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 5351 AAGATCAAAG GATCTTCTTG AGATCCTTTT TTTCTGCGCG TAATCTGCTG  
 5401 CTTGCAAACA AAAAAACCAC CGCTACCAGC GGTGGTTTGT TTGCCGGATC  
 5451 AAGAGCTACC AACTCTTTTT CCGAAGGTAA CTGGCTTCAG CAGAGCGCAG  
 5501 ATACCAAATA CTGTCCTTCT AGTGTAGCCG TAGTTAGGCC ACCACTTCAA

Figure 9b

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5551 GAACTCTGTA GCACCGCCTA CATACTCGC TCTGCTAATC CTGTTACCAG
5601 TGGCTGCTGC CAGTGGCGAT AAGTCGTGTC TTACCGGGTT GGAACAAGA
5651 CGATAGTTAC CGGATAAGGC GCAGCGGTCG GGCTGAACGG GGGGTTCTGT
5701 CACACAGCCC AGCTTGAGAGC GAACGACCTA CACCGAAGT AGATACCTAC
5751 AGCGTGAGCT ATGAGAAAGC GCCACGCTTC CCGAAGGGAG AAAGGCGGAC
5801 AGGTATCCGG TAAGCGGCAG GGTCCGAACA GGAGAGCGCA CGAGGGAGCT
5851 TCCAGGGGGA AACGCCTGGT ATCTTTATAG TCCTGTCGGG TTTCGCCACC
5901 TCTGACTTGA GCGTCGATTT TTGTGATGCT CGTCAGGGGG GCGGAGCCTA
5951 TGGAAAAACG CCAGCAACGC GGCTTTTTA CGGTTCTTGG CCTTTTGCTG
6001 GCCTTTTGCT CACATGTTCT TTCCTGCGTT ATCCCCTGAT TCTGTGGATA
6051 ACCGTATTAC CGCCATGCAT TAGTTATTAA TAGTAATCAA TTACGGGGTC
6101 ATTAGTTCAT AGCCCATATA TGGAGTTCCG CGTTACATAA CTTACGGTAA
6151 ATGGCCCGCC TGGCTGACCG CCCAACGACC CCCGCCATT GACGTCAATA
6201 ATGACGTATG TTCCCATAGT AACGCCAATA GGGACTTTCC ATTGACGTCA
6251 ATGGGTGGAG TATTTACGGT AAAC TGCCCA CTTGGCAGTA CATCAAGTGT
6301 ATCATATGCC AAGTACGCCC CCTATTGACG TCAATGACGG TAAATGGCCC
6351 GCCTGGCATT ATGCCAGTA CATGACCTTA TGGGACTTTC CTAATTGGCA
6401 GTACATCTAC GTATTAGTCA TCGCTATTAC CATGGTGATG CGGTTTTGGC
6451 AGTACATCAA TGGGCGTGGA TAGCGGTTTG ACTCACGGGG ATTTCCAAGT
6501 CTCCACCCCA TTGACGTCAA TGGGAGTTTG TTTTGGCACC AAAATCAACG
6551 GGACTTTCCA AAATGTCGTA ACAACTCCGC CCCATTGACG CAAATGGGCG
6601 GTAGGCGTGT ACGGTGGGAG GTCTATATAA GCAGAGCTGG TTTAGTGAAC
6651 CGTCAGATCC GCTAGCGCTA CCGGACTCAG ATCTCGAGCT CAAGCTTCGA
6701 ATTCTGCAGT CGACGGTACC GCGGGCCCGG GATCCACCGG TCGCCACC

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Figure 9c